

We Claim as Our Invention:

1. A service providing apparatus for providing an editing environment for video data recorded on a record medium that is sent, the apparatus comprising:

5 a part for creating index pictures using the video data that is sent and transmitting the created index pictures from a first computer to a second computer through a network; and

an editor for editing the video data corresponding to edit commands transmitted from the second computer to the first computer through the network as a
10 displayed result of the transmitted index pictures.

2. A service providing apparatus as claimed in claim 1, further comprising:

15 a server, wherein the video data is stored to the server.

3. A service providing apparatus as claimed in claim 1, further comprising:

20 a server, wherein the video data is converted into a predetermined format that the first computer easily handles and the converted video data is stored in the server.

4. A service providing apparatus as claimed in claim 3, wherein the converted video data is MPEG 2 format data.

5. A service providing apparatus as claimed in claim 1, wherein the
25 edited video data is transmitted from the second computer to the first computer through the network.

6. A service providing apparatus as claimed in claim 1, wherein the
30 index pictures are still pictures extracted from the video data at predetermined intervals.

7. A service providing apparatus as claimed in claim 1, wherein the index pictures are still pictures extracted from particular scenes of the video data.

8. A service providing apparatus as claimed in claim 6, wherein the index pictures are automatically generated.

9. A service providing apparatus as claimed in claim 1, wherein the index pictures are thumbnail pictures composed of reduced pictures with low resolution.

10. A service providing apparatus as claimed in claim 1, wherein the first computer records a history of the transmitted edit commands and edits the video data corresponding to the history of the edit commands.

11. A service providing apparatus as claimed in claim 1, wherein the first computer records a history of the transmitted edit commands, and wherein, after the edit commands have been completely transmitted, the first computer edits the video data corresponding to the history of the recorded edit commands.

12. A service providing apparatus as claimed in claim 1, further comprising:
a third computer, wherein the video data is edited by the third computer corresponding to the recorded edit commands.

13. A service providing method for providing an editing environment for video data recorded on a record medium that is sent, the method comprising the steps of:

creating index pictures using the video data that is sent;
transmitting the created index pictures from a first computer to a second computer through a network; and
editing the video data corresponding to edit commands transmitted from the second computer to the first computer through the network as a displayed

result of the transmitted index pictures.

14. A service providing method as claimed in claim 13, the method further comprising the step of:

5 storing the video data in a server.

15. A service providing method as claimed in claim 13, the method further comprising the steps of:

10 converting the video data into a predetermined format that the first computer easily handles; and
storing the converted video data in a server.

16. A service providing method as claimed in claim 15, wherein the converted video data is MPEG 2 format data.

17. A service providing method as claimed in claim 13, the method further comprising the step of:

20 transmitting the edited video data from the second computer to the first computer through the network.

18. A service providing method as claimed in claim 13, wherein the index pictures are still pictures extracted from the video data at predetermined intervals.

25 19. A service providing method as claimed in claim 13, wherein the index pictures are still pictures extracted from particular scenes of the video data.

20. A service providing method as claimed in claim 18, the method further comprising the step of:

30 automatically generating the index pictures.

21. A service providing method as claimed in claim 13, wherein the index pictures are thumbnail pictures composed of reduced pictures with low resolution.

22. A service providing method as claimed in claim 13, the method
5 further comprising the steps of:
recording a history of the transmitted edit commands via the first computer;
and
editing the video data corresponding to the history of the edit commands via
the first computer.

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23. A service providing method as claimed in claim 13, the method
further comprising the steps of:
recording a history of the transmitted edit commands via the first computer;
and
15 editing, via the first computer and after the edit commands have been
completely transmitted, the video data corresponding to the history of the recorded
edit commands.

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24. A service providing method as claimed in claim 13, the method
20 further comprising the step of:
editing the video data by a third computer corresponding to the recorded edit
commands.

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25. A receiving terminal apparatus, comprising:
25 a receiver for receiving index pictures of video data recorded on a record
medium that is sent through a network; and
a transmitter for transmitting edit commands corresponding to a displayed
result of the index pictures.

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26. A receiving method, comprising the steps of:
30 receiving index pictures of video data recorded on a record medium that is
sent through a network; and

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transmitting edit commands corresponding to a displayed result of the index pictures.

27. A service providing system for providing an editing environment for
5 video data recorded on a record medium that is sent from a member, the system comprising:

a part for creating index pictures using the video data that is sent from the member and transmitting the created index pictures from a first computer to a second computer through a network; and

10 an editor for editing the video data corresponding to edit commands transmitted from the second computer to the first computer through the network as a displayed result of the transmitted index pictures.

28. A service providing system as claimed in claim 27, further
15 comprising:
a server, wherein the video data is stored to the server.

29. A service providing system as claimed in claim 27, further
comprising:
20 a server, wherein the video data is converted into a predetermined format that the first computer easily handles and the converted video data is stored in the server.

30. A service providing system as claimed in claim 29, wherein the
25 converted video data is MPEG 2 format data.

31. A service providing system as claimed in claim 27, wherein the edited
video data is transmitted from the second computer to the first computer through
the network.
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32. A service providing system as claimed in claim 27, wherein the index
pictures are still pictures extracted from the video data at predetermined intervals.

33. A service providing system as claimed in claim 27, wherein the index pictures are still pictures extracted from particular scenes of the video data.

5 34. A service providing system as claimed in claim 32, wherein the index pictures are automatically generated.

35. A service providing system as claimed in claim 27, wherein the index pictures are thumbnail pictures composed of reduced pictures with low resolution.

10 36. A service providing system as claimed in claim 27, wherein the first computer records a history of the transmitted edit commands and edits the video data corresponding to the history of the edit commands.

15 37. A service providing system as claimed in claim 27, wherein the first computer records a history of the transmitted edit commands, and wherein, after the edit commands have been completely transmitted, the first computer edits the video data corresponding to the history of the recorded edit commands.

20 38. A service providing system as claimed in claim 27, further comprising:

a third computer, wherein the video data is edited by the third computer corresponding to the recorded edit commands.